

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-83 without prejudice or disclaimer and add new claims 84-180 as follows. This listing of claims replaces all prior versions and listings of claims in the application:

Claims 1-83 (Cancelled).

84. (New) A cosmetic composition comprising a dispersion, said dispersion comprising particles of at least one grafted acrylic polymer in a liquid fatty phase, wherein said at least one grafted acrylic polymer is obtained by polymerizing at least one acidic ethylenic monomer, at least one non-acidic acrylic monomer, and at least one macromonomer.

85. (New) The cosmetic composition of claim 84, wherein said at least one grafted acrylic polymer comprises an acrylic skeleton that is insoluble in said liquid fatty phase and side chains that are soluble in said liquid fatty phase, said side chains being covalently bound to said skeleton.

86. (New) The cosmetic composition of claim 84, wherein a stabilizer is not present on the surface of the particles of said at least one grafted acrylic polymer when said particles are dispersed.

87. (New) The cosmetic composition of claim 1, wherein said at least one grafted acrylic polymer is chosen from polymers that are obtainable by free-radical polymerization in an organic polymerization medium of:

- at least one acidic ethylenic monomer, at least one non-acidic acrylic monomer, and optionally at least one non-acidic, non-acrylic, vinyl monomer to form a skeleton that is insoluble in said fatty phase; and
- at least one macromonomer, wherein said at least one macromonomer comprises at least one polymerizable end group for forming side chains; has a weight average molecular mass greater than or equal to 200; and is present in said at least one grafted acrylic polymer in an amount ranging from 0.05% to 20% by weight, relative to the total weight of the polymer.

88. (New) The cosmetic composition of claim 84, wherein said at least one acidic ethylenic monomer is chosen from (meth)acrylic monomers comprising at least one groups chosen from carboxylic, phosphoric, and sulfonic acid groups; non-(meth)acrylic vinyl monomers comprising at least one group chosen from carboxylic, phosphoric, and sulfonic acid groups; and salts thereof.

89. (New) The cosmetic composition of claim 88, wherein said at least one acidic ethylenic monomer is chosen from (meth)acrylic acid, acrylamidopropanesulfonic acid, crotonic acid, maleic acid, maleic anhydride, itaconic acid, fumaric acid, vinylbenzoic acid, vinylphosphoric acid, and salts thereof.

90. (New) The cosmetic composition of claim 89, wherein said at least one acidic ethylenic monomer comprises (meth)acrylic acid.

91. (New) The cosmetic composition of claim 84, wherein said at least one acidic ethylenic monomer is present in the composition in an amount ranging from 5% to 80% by weight, relative to the total weight of the polymer.

92. (New) The cosmetic composition of claim 91, wherein said at least one acidic ethylenic monomer is present in the composition in an amount ranging from 15% to 60% by weight, relative to the total weight of the polymer.

93. (New) The cosmetic composition of claim 84, wherein said at least one acidic ethylenic monomer comprises (meth)acrylic acid and optionally further comprises at least one additional acidic monomer other than (meth)acrylic acid, and salts thereof.

94. (New) The cosmetic composition of claim 93, wherein said at least one additional acidic monomer is chosen from acrylamidosulfonic acid, crotonic acid, maleic acid, maleic anhydride, itaconic acid, fumaric acid, vinylbenzoic acid, vinylphosphoric acid, and salts thereof.

95. (New) The cosmetic composition of claim 93, wherein said (meth)acrylic acid is present in the composition in an amount greater than or equal to 5% by weight, relative to the total weight of the polymer.

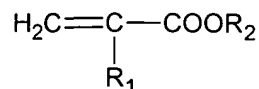
96. (New) The cosmetic composition of claim 95, wherein said (meth)acrylic acid is present in the composition in an amount ranging from 15% to 60% by weight, relative to the total weight of the polymer.

97. (New) The cosmetic composition of claim 93, wherein said at least one additional acidic monomer is present in the composition in an amount ranging from 0.1% to 20% by weight, relative to the total weight of the polymer.

98. (New) The cosmetic composition of claim 97, wherein said at least one additional acidic monomer is present in the composition in an amount ranging from 5% to 15% by weight, relative to the total weight of the polymer.

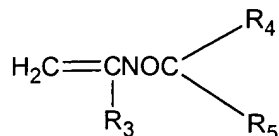
99. (New) The cosmetic composition of claim 84, wherein said at least one non-acidic acrylic monomer comprises at least one monomer chosen from:

- (i) (meth)acrylates of the formula:



in which:

- R_1 is chosen from a hydrogen atom and methyl groups;
- R_2 is chosen from:
 - linear and branched $\text{C}_1\text{-C}_6$ alkyl groups, said alkyl groups optionally comprising a chain that comprises at least one heteroatom chosen from O, N, and S and/or at least one substituent chosen from -OH groups, halogen atoms, and $\text{NR}'\text{R}''$ groups, wherein R' and R'' , which may be the same or different, are chosen from linear and branched $\text{C}_1\text{-C}_4$ alkyls, and are optionally substituted with at least one polyoxyalkylene group comprising from 5 to 30 repeating oxyalkylene units; and
 - cyclic $\text{C}_3\text{-C}_6$ alkyl groups that optionally comprise at least one heteroatom chosen from O, N, and S; and/or at least one substituent chosen from Ph groups and halogen atoms; and
- (ii) (meth)acrylamides of the formula:



in which:

- R_3 is chosen from a hydrogen atom and methyl groups;

- R₄ and R₅, which may be the same or different, and are chosen from hydrogen atoms and linear and branched C₁-C₆ alkyl groups, said alkyl groups optionally comprising at least one substituent chosen from -OH groups, halogen atoms, and NR'R'' groups, wherein R' and R'' may be identical or different and are chosen from C₁-C₄ alkyls; or, alternatively,

- R₄ is a hydrogen atom and R₅ is a 1,1-dimethyl-3-oxobutyl group;
and salts thereof.

100. (New) The cosmetic composition of claim 84, wherein said at least one non-acidic acrylic monomer is chosen from methyl (meth)acrylate, ethyl (meth)acrylate, propyl (meth)acrylate, butyl (meth)acrylate, isobutyl (meth)acrylate, methoxyethyl (meth)acrylate, ethoxyethyl (meth)acrylate, trifluorethyl (meth)acrylate, dimethylaminoethyl (meth)acrylate, diethylaminoethyl (meth)acrylate, 2-hydroxypropyl (meth)acrylate, 2-hydroxyethyl (meth)acrylate, dimethylaminopropyl methacrylamide, and the salts thereof.

101. (New) The cosmetic composition of claim 100, wherein said at least one non-acidic acrylic monomer is chosen from methyl acrylate, methoxyethyl acrylate, methyl methacrylate, 2-hydroxyethyl methacrylate, dimethylaminoethyl methacrylate, and mixtures thereof.

102. (New) The cosmetic composition of claim 84, wherein said at least one grafted acrylic polymer does not further comprise an additional non-acrylic, vinyl monomer.

103. (New) The cosmetic composition of claim 84, wherein the grafted acrylic polymer is optionally obtained by polymerization in the presence of at least one additional, non-acidic, non-acrylic, vinyl monomers.

104. (New) The cosmetic composition of claim 103, wherein said at least one non-acidic, non-acrylic, vinyl monomer is chosen from vinyl esters of the formula: $R_6\text{-COO-CH=CH}_2$, in which R_6 is chosen from linear and branched $C_1\text{-C}_6$ alkyl groups, $C_3\text{-C}_6$ cyclic alkyl groups, aromatic groups, and non-acidic, non-acrylic vinyl monomers comprising at least one tertiary amine functional group.

105. (New) The cosmetic composition of claim 103, wherein said at least one grafted acrylic polymer comprises from 50% to 100% by weight of acrylic monomers, relative to the total weight of said mixture of acrylic monomers and optional non-acrylic vinyl monomers.

106. (New) The cosmetic composition of claim 105, wherein said at least one grafted acrylic polymer comprises from 70% to 100% by weight of acrylic monomers, relative to the total weight of the mixture of acrylic monomers and optional non-acrylic vinyl monomers.

107. (New) The cosmetic composition of claim 84, wherein said at least one macromonomer comprises a chain comprising at least one polymerizable end group at one end chosen from vinyl groups and (meth)acrylate groups.

108. (New) The cosmetic composition of claim 107, wherein said at least one polymerizable end group comprises at least one (meth)acrylate group.

109. (New) The cosmetic composition of claim 84, wherein said at least one macromonomer has a weight average molecular mass greater than or equal to 300.

110. (New) The cosmetic composition of claim 109, wherein the macromonomer has a weight average molecular mass ranging from 800 to 6,000.

111. (New) The cosmetic composition of claim 84, wherein, after polymerization, said at least one macromonomer is present in an amount ranging from 0.1% to 15% by weight, relative to the total weight of the polymer.

112. (New) The cosmetic composition of claim 111, wherein, after polymerization, said at least one macromonomer is present in an amount ranging from 0.3% to 8% by weight, relative to the total weight of the polymer.

113. (New) The cosmetic composition of claim 84, wherein said at least one liquid fatty phase comprises at least one liquid organic compound chosen from:

- liquid organic compounds having a global solubility parameter according to the Hansen solubility space of less than or equal to $18 \text{ (MPa)}^{1/2}$; and
- monoalcohols having a global solubility parameter according to the Hansen solubility space of less than or equal to $20 \text{ (MPa)}^{1/2}$.

114. (New) The cosmetic composition of claim 113, wherein said at least one liquid organic compound has a global solubility parameter according to the Hansen solubility space of less than or equal to $17 \text{ (MPa)}^{1/2}$.

115. (New) The cosmetic composition of claim 84, wherein said liquid fatty phase comprises at least one volatile oil.

116. (New) The cosmetic composition of claim 84, wherein said liquid fatty phase is a non-silicone-based fatty phase.

117. (New) The cosmetic composition of claim 116, wherein said non-silicone-based fatty phase comprises at least one non-silicone-based organic liquid compound

in an amount greater than or equal to 50% by weight, said at least one non-silicone-based organic liquid being chosen from:

- non-silicone-based organic liquid compounds having a global solubility parameter according to the Hansen solubility space of less than or equal to $18 \text{ (MPa)}^{1/2}$; and
- liquid monoalcohols having a global solubility parameter according to the Hansen solubility space of less than or equal to $20 \text{ (MPa)}^{1/2}$.

118. (New) The cosmetic composition of claim 117, wherein said non-silicone-based liquid fatty phase contains less than 50% by weight of at least one silicone-based liquid organic compound having a global solubility parameter according to the Hansen solubility space of less than or equal to $18 \text{ (MPa)}^{1/2}$.

119. (New) The cosmetic composition of claim 118, wherein the non-silicone-based liquid fatty phase does not comprise silicone-based liquid organic compounds.

120. (New) The cosmetic composition of claim 84, wherein said at least one macromonomer is a carbon-based macromonomer.

121. (New) The cosmetic composition of claim 120, wherein said at least one carbon-based macromonomer is chosen from:

- (i) homopolymers and copolymers of linear and branched $\text{C}_8\text{-C}_{22}$ alkyl acrylate and $\text{C}_8\text{-C}_{22}$ alkyl methacrylate monomers comprising a polymerizable end group chosen from vinyl or (meth)acrylate groups; and
- (ii) polyolefins comprising a polymerizable ethylenically unsaturated end group.

122. (New) The cosmetic composition of claim 121, wherein said at least one carbon-based macromonomer is chosen from:

- (i) poly(2-ethylhexyl acrylate) macromonomers comprising a mono(meth)acrylate end group; poly(dodecyl acrylate) macromonomers comprising a mono(meth)acrylate end group; poly(dodecyl methacrylate) macromonomers; poly(stearyl acrylate) macromonomers comprising a mono(methacrylate) end group; poly(stearyl methacrylate) macromonomers comprising a mono(meth)acrylate end group; and
- (ii) polyethylene macromonomers with a (meth)acrylate end group, polypropylene macromonomers with a (meth)acrylate end group, macromonomers of polyethylene/polybutylene copolymer with a (meth)acrylate end group; polyisobutylene macromonomers with a (meth)acrylate end group; polybutadiene macromonomers with a (meth)acrylate end group; polyisoprene macromonomers with a (meth)acrylate end group; and poly(ethylene/butylene)polyisoprene macromonomers with a (meth)acrylate end group.

123. (New) The cosmetic composition of claim 121, wherein said at least one carbon-based macromonomer is chosen from:

- (i) poly(2-ethylhexyl acrylate) macromonomers comprising a mono(meth)acrylate end group, and poly(dodecyl acrylate) macromonomers comprising a mono(meth)acrylate end group; and
- (ii) poly(ethylene/butylene) methacrylate.

124. (New) The cosmetic composition of claim 84, wherein said at least one grafted polymer is chosen from polymers obtained by the polymerization of methyl acrylate/acrylic acid monomers with a polyethylene/polybutylene macromonomer comprising a methacrylate end group.

125. (New) The cosmetic composition of claim 124, wherein said polymerization is performed in isododecane.

126. (New) The cosmetic composition of claim 124, wherein said at least one grafted acrylic polymer is chosen from non-silicone-based grafted acrylic polymers.

127. (New) The cosmetic composition of claim 126, wherein said at least one non-silicone-based grafted acrylic monomer comprises a carbon-based macromonomer, said carbon-based macromonomer optionally comprising at least one silicone based macromonomer in an amount less than or equal to 7% by weight, relative to the total weight of the polymer.

128. (New) The cosmetic composition of claim 126, wherein said at least one carbon-based macromonomer does not comprise silicone-based macromonomer.

129. (New) The cosmetic composition of claim 84, wherein said liquid fatty phase is a silicone-based liquid fatty phase.

130. (New) The cosmetic composition of claim 129, wherein said silicone-based liquid fatty phase comprises at least one silicone-based organic liquid chosen from silicone-based organic liquids having a global solubility parameter according to the Hansen solubility space of less than or equal to $18 \text{ (MPa)}^{1/2}$, in an amount greater than or equal to 50% by weight.

131. (New) The cosmetic composition of claim 130, wherein said at least one silicone-based organic liquid comprises at least one volatile silicone oil.

132. (New) The cosmetic composition of claim 131, wherein said at least one volatile silicone oil is chosen from octamethylcyclotetrasiloxane, decamethylcyclopentasiloxane, dodecamethylcyclohexasiloxane,

heptamethylhexyltrisiloxane, heptamethyloctyltrisiloxane, octamethyltrisiloxane, and decamethyltrisiloxane.

133. (New) The cosmetic composition of claim 130, wherein said at least one silicone-based organic liquid comprises at least one non-volatile silicone oil.

134. (New) The cosmetic composition of claim 133, wherein said at least one non-volatile silicone oil is chosen from non-volatile polydialkylsiloxanes; polydimethylsiloxanes comprising C₂-C₂₄ pendant and/or terminal alkyl, alkoxy, and phenyl groups; phenyl silicones; polysiloxanes modified with fatty acids, fatty alcohols, and/or polyoxyalkylenes; amino polysiloxanes; polysiloxanes comprising hydroxyl groups; and fluoro polysiloxanes comprising a pendant and/or terminal C₁-C₁₂ group that is at least partially fluorinated.

135. (New) The cosmetic composition of claim 129, wherein said liquid fatty phase comprises less than 50% by weight of at least one non-silicone-based liquid organic compound.

136. (New) The cosmetic composition of claim 135, wherein said at least one non-silicone-based liquid organic compound is chosen from non-silicone-based liquid organic compounds having a global solubility parameter according to the Hansen solubility space of less than or equal to 18 (MPa)^{1/2}; and liquid monoalcohols having a global solubility parameter according to the Hansen solubility space of less than or equal to 20 (MPa)^{1/2}.

137. (New) The cosmetic composition of claim 136, wherein said at least one non-silicone-based organic liquid compound having a global solubility parameter according to the Hansen solubility space of less than or equal to 18 (MPa)^{1/2} is chosen

from: carbon-based, hydrocarbon-based, and fluoro-oils; linear, branched, and cyclic alkanes that are optionally volatile; esters; ketones; and ethers.

138. (New) The cosmetic composition of claim 137, wherein said esters are chosen from linear, branched, and cyclic esters comprising at least 6 carbon atoms; said ketones comprise at least 6 carbon atoms; and said ethers comprise at least 6 carbon atoms.

139. (New) The cosmetic composition of claim 117, wherein said at least one monoalcohol is chosen from C₆-C₃₀ aliphatic fatty monoalcohols comprising an unsubstituted hydrocarbon chain.

140. (New) The cosmetic composition of claim 139, wherein said at least one monoalcohol is chosen from oleyl alcohol, decanol, and linoleyl alcohol.

141. (New) The cosmetic composition of claim 116, wherein said liquid fatty phase comprises at least one non-silicone-based volatile oil.

142. (New) The cosmetic composition of claim 141, wherein said at least one non-silicone-based volatile oil is chosen from isododecane, isodecane, and isohehexadecane.

143. (New) The cosmetic composition of claim 129, wherein said liquid fatty phase does not comprise non-silicone-based liquid organic compounds.

144. (New) The cosmetic composition of claim 129, wherein said at least one macromonomer is chosen from silicone-based macromonomers.

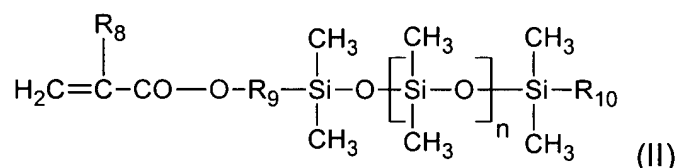
145. (New) The cosmetic composition of claim 144, wherein said at least one silicone-based macromonomer is chosen from organopolysiloxane macromonomers.

146. (New) The cosmetic composition of claim 144, wherein said at least one silicone-based macromonomer is chosen from polydimethylsiloxane macromonomers.

147. (New) The cosmetic composition of claim 146, wherein said polydimethylsiloxane macromonomers comprise a mono(meth)acrylate end group.

148. (New) The cosmetic composition of claim 144, wherein said at least one silicone-based macromonomer is chosen from monomethacryloyloxypropyl polydimethylsiloxanes.

149. (New) The cosmetic composition of claim 144, wherein said at least one silicone-based macromonomer is chosen from macromonomers of formula (II):



in which:

- R₈ is chosen from a hydrogen atom and methyl groups;
- R₉ is chosen from divalent C₁-C₁₀ hydrocarbon-based groups that optionally comprise one or two ether bonds;
- R₁₀ is chosen from C₁-C₁₀ alkyl groups; and
- n is an integer ranging from 1 to 300.

150. (New) The cosmetic composition of claim 149, wherein R₁₀ is chosen from C₂-C₈ alkyl groups, and n is an integer ranging from 5 to 100.

151. (New) The cosmetic composition of claim 129, wherein said at least one grafted acrylic polymer is chosen from polymers obtained by polymerizing at least one methyl acrylate, at least one acrylic acid, and at least one monomethacryloyloxypropyl

polydimethylsiloxane macromonomer having a weight average molecular weight ranging from 800 to 6,000.

152. (New) The cosmetic composition of claim 151, wherein said at least one monomethacryloyloxypropyl polydimethylsiloxane macromonomer is chosen from decamethylcyclopentasiloxane and phenyltrimethicone.

153. (New) The cosmetic composition of claim 129, wherein said at least one grafted acrylic polymer is a silicone-based grafted polymer

154. (New) The cosmetic composition of claim 153, wherein said at least one grafted polymer comprises at least one silicone-based macromonomer.

155. (New) The cosmetic composition of claim 154, wherein said at least one silicone based macromonomer comprises less than or equal to 7% by weight of at least one carbon-based macromonomer, relative to the total weight of the polymer.

156. (New) The cosmetic composition of claim 154, wherein said at least one silicone-based grafted polymer does not comprise a carbon-based macromonomer.

157. (New) The cosmetic composition of claim 84, wherein said at least one grafted acrylic polymer has a weight-average molecular mass ranging from 10,000 to 300,000.

158. (New) The cosmetic composition of claim 157, wherein said at least one grafted acrylic polymer has a weight-average molecular mass ranging from 25,000 to 150,000.

159. (New) The cosmetic composition of claim 84, wherein the particles of said at least one grafted acrylic polymer have an average size ranging from 10 nm to 400 nm.

160. (New) The cosmetic composition of claim 159, wherein the particles of the at least one acrylic grafted polymer have an average size ranging from 20 nm to 200 nm.

161. (New) The cosmetic composition of claim 84, wherein said at least one grafted acrylic polymer is present in the composition in an amount ranging from 0.1% to 70% by weight, relative to the total weight of the composition.

162. (New) The cosmetic composition of claim 161, wherein said at least one grafted acrylic polymer is present in the composition in an amount ranging from 1% to 40% by weight, relative to the total weight of the composition.

163. (New) The cosmetic composition of claim 84, further comprising at least one fatty substance chosen from waxes, pasty fats, gums, and mixtures thereof, wherein said at least one fatty substance is solid at ambient temperature.

164. (New) The cosmetic composition of claim 84, further comprising at least one wax, wherein said at least one wax is present in the composition in an amount ranging from 0.1% to 50% by weight, relative to the total weight of the composition.

165. (New) The cosmetic composition of claim 164, wherein said at least one wax is present in the composition in an amount ranging from 1% to 30% by weight, relative to the total weight of the composition.

166. (New) The cosmetic composition of claim 84, further comprising at least one colorant.

167. (New) The cosmetic composition of claim 168, wherein said at least one colorant is chosen from pulverulent colorants.

168. (New) The cosmetic composition of claim 167, wherein said at least one colorant is chosen from pigments and nacles.

169. (New) The cosmetic composition of claim 84, wherein said composition is anhydrous.

170. (New) The cosmetic composition of claim 84, further comprising at least one cosmetic ingredient chosen from vitamins, moisturizers, thickeners, trace elements, softeners, sequesterants, perfumes, alkalifying and acidifying agents, preservatives, plasticizers, sunscreens, surfactants, antioxidants, hair loss preventatives, anti-dandruff agents, and propellants.

171. (New) The cosmetic composition of claim 84, wherein said composition is in the form of a suspension, a dispersion, a solution, a gel, an emulsion, a cream, a paste, a mousse, a vesicle dispersion, a multi-phase lotion, a spray, a powder, or a paste.

172. (New) The cosmetic composition of claim 84, wherein said composition is a makeup or hair care composition.

173. (New) A cosmetic assembly, comprising:

- a) a container comprising at least one compartment, said container being closed by a closing member; and wherein
- b) the container comprises at least one composition comprising a dispersion of particles of at least one grafted acrylic polymer in a liquid fatty phase, wherein said at least one grafted acrylic polymer is chosen from polymers that are obtainable by polymerizing at least one acidic ethylenic monomer, at least one non-acidic acrylic monomer, and at least one macromonomer.

174. (New) The cosmetic assembly of claim 173, wherein said container is at least partially formed from at least one thermoplastic material.

175. (New) The cosmetic assembly of claim 173, wherein said container is at least partially formed from at least one non-thermoplastic material.

176. (New) The cosmetic cosmetic assembly of claim 175, wherein said at least one non-thermoplastic material is chosen from metal and glass.

177. (New) The cosmetic assembly of claim 173, wherein the closing member is coupled to the container via at least one screw.

178. (New) The cosmetic assembly of claim 173, wherein said at least one composition is contained within the container at substantially atmospheric pressure.

179. (New) The cosmetic assembly of claim 173, wherein said at least one composition is contained within the container at above atmospheric pressure.

180. (New) A method for making up or caring for the skin, comprising:
applying to the skin a composition comprising a dispersion of particles of at least one grafted acrylic polymer in a liquid fatty phase, wherein said at least one grafted acrylic polymer is obtained by polymerizing at least one acidic ethylenic monomer, at least one non-acidic acrylic monomer, and at least one macromonomer.